

Weekly Metrics for March 16 - 22, 2003

Mission (Launch Date)	Instrument	Category	Data Center	RQMTS (GB)	Requirements * Factor	Actual (GB)	Footnote
SORCE (1/03)	TIM/SIM/ SOLSTICE/ XPS	L0 Ingest Archive	GSFC GSFC	0.8	1X Baseline	0.9	U
				0.8	1X Baseline	1.2	U
ICESat (1/03)	GLAS	L0 Ingest Archive	NSIDC NSIDC	41	1X Baseline	38	
				41	1X Baseline	38	
Aqua (5/02)	AIRS	L0 Ingest	GSFC	98	1X Baseline	94	A
		L1 Prod	GSFC	400	1X Baseline	360	A, V
		Archive	GSFC	498	1X Baseline	488	A, V
		Distribution	GSFC			116	A
		<i>Production Data Pool</i>				1	Y
	AMSR-E	L0 Ingest	NSIDC	10	1X Baseline	6	B
		L1 Ingest	NSIDC	10	1X Baseline	0	B, C
		L2-L3 Prod	GHRC	12	0.5X Baseline	0	C
		Archive	NSIDC	32	Baseline	6	C
		Distribution	NSIDC			7	
		<i>Production End Users</i>		17	0.5X Baseline	0	C, G
	CERES	Archive	LaRC	58	Baseline	Included	See Footnote S
		Distribution	LaRC			In Terra CERES	
	MODIS	<i>Testing/QA End Users</i>		1,421	IT Requirements		
				107	1X Baseline		
		L0 Ingest	GSFC	469	1X Baseline	511	
		L1 Prod	GSFC	2,498	1X Baseline	2,281	
		L2-L4 Prod	MODAPS	801	0.5X Baseline	3,524	R
		Archive	EDC	540	Baseline	2,479	R
			GSFC	3,172	Baseline	3,761	R
			NSIDC	56	Baseline	101	R
		Distribution	GSFC				
		<i>Testing/QA To MODAPS/LaRC End Users Data Pool</i>		362	IT Requirements	514	
						2,186	
				2,703	1X Baseline	84	G, O
						15	Y
METEOR 3M (12/01)	SAGE III	Archive	LaRC	0.8	1X Baseline	1.6	D
		Distribution	LaRC				
		<i>End Users Production</i>		0.02	1X Baseline	6	
						2	
ACRIMSAT (12/99)	ACRIM 3	Archive	LaRC	0.06	1X Baseline	0	D
	ASTER	L1A Ingest	EDC	680	1X Baseline	264	W
		L1B Ingest	EDC	271	1X Baseline	75	W
		L2-L3 Prod	EDC	1,203	3X Baseline	121	W
		Archive	EDC	2,154	Baseline	480	W
		Distribution	EDC				
		<i>End Users</i>		1,352	1X Baseline	330	G, O, P
	CERES	Archive	LaRC	351	Baseline	632	S
		Distribution	LaRC				
		<i>Testing/QA End Users</i>		1,421	IT Requirements	0	S
	MISR			117	1X Baseline	2,093	G, O, X
		L0 Ingest	LaRC	249	1X Baseline	253	
		L1 Prod	LaRC	3,323	3X Baseline	1,314	F
		L2-L3 Prod	LaRC	281	3X Baseline	78	F
		Archive	LaRC	3,853	Baseline	1,657	F

Terra (12/99)		Distribution <i>Testing/QA</i> <i>Production</i> <i>End Users</i>	LaRC	137	IT Requirements	118 904	
				1,201	1X Baseline	873	G
	MODIS	L0 Ingest	GSFC	469	1X Baseline	499	
		L1 Prod	GSFC	7,494	3X Baseline	8,940	M
		L2-L4 Prod	MODAPS	14,254	3X Baseline	12,834	Q, T
		Archive	EDC	8,606	Baseline (L2-L4)	10,376	
			GSFC	12,772	Baseline (L0-L4)	11,682	I, Q
			JPL	0	Baseline (L2-3)	17	
			NSIDC	839	Baseline (L2-L3)	254	I, Q
		EDC					
		Distribution <i>End Users</i>		2,869	1X Baseline	1,540	G, O
		Distribution <i>Testing/QA</i> <i>To MODAPS/LaRC</i> <i>End users</i> <i>Data Pool</i>	GSFC	362	IT Requirements	359 9,508	
		Distribution <i>End Users</i>	JPL	4,101	1X Baseline	1,862 214	G, O Y
		Distribution <i>End Users</i>	NSIDC	0	Baseline	0.1	
				280	1X Baseline	75	G, O
	MOPITT	L0 Ingest	LaRC	2	1X Baseline	2	
		L1 Prod	SIPS	2	3X Baseline	1	J
		L2 Prod	SIPS	2	3X Baseline	2	J
		Archive	LaRC	5	Baseline	5	J
		Distribution <i>Production</i> <i>End Users</i>	LaRC			8	G
				1	1X Baseline	37	
Landsat-7 (4/99)	ETM+	Archive	EDC	1,071	250 Scenes	987	
		Distribution	EDC	58	ECS ICD	288	
Jason-1 (12/01)	Poseidon 2	Archive (L0+)	JPL			2	
		Distribution	JPL	NA	NA	12	K
QuikScat (6/99)	SeaWinds	Archive (L0+)	JPL			41	
		Distribution	JPL	109	Weekly Average	455	K
TOPEX (8/92)	Poseidon	Archive (L1+)	JPL			0	
		Distribution	JPL	24	Weekly Average	80	K
Other Missions	AVHRR	Archive (L2+)	JPL			61	
		Distribution	JPL	NA	NA	50	

Notes:

- Includes data volumes for 3 instruments (AIRS, AMSU, and HSB).
- The actual L0 data rate from AMSR-E is 6.6 GB/week. This is lower than ESDIS baseline requirement. Updating of the baselined requirement is in process.
- The Japanese EOC is not planning to process and send any more AMSR-E data to US until AMSR-E calibration method is well established. It is expected that calibration will not be completed until March - April 2003. Regular delivery to US science team is not expected to occur before May 2003.
- Data from these instruments are not transmitted to DAAC daily.
- Volumes of ASTER L1A and L1B products are a function of production at ERSDAC in Japan. L1A and L1B volumes include the expedited data sets generated at EDC. ASTER L2 products are produced on demand, and the actual volumes may be significantly different from requirements.
- Very little reprocessing was done.
- Distribution requirements represent the delivered capacity for distribution. Because distribution is based on user orders, the actual distribution volumes may be significantly different from the available capacity.
- Ingest/archival of MODIS L2+ products is dependent on MODAPS reprocessing schedule.
- LaRC DAAC received the reprocessed L2 and L3 data for the selected months of 2000, 2002, and 2003 from MOPITT SIPS.
- Distribution requirements are weekly averages of media distribution volumes based on subscriptions for a full year.
- Includes distribution of educational materials, in addition to AVHRR SST products.
- Actual archival volume includes that of the reprocessing campaign in addition to the current data.

- N. Does not include distribution by subsetting tool.
- O. Does not include distribution by data pool.
- P. Orders have decreased sharply with the advent of charging for low-level ASTER data.
- Q. Values reported here represent what have been archived at DAACs. MODAPS production may be higher.
- R. Ingest/archival of MODIS L2+ products are dependent on MODAPS processing schedule.
- S. Actual archival volume represents a total for 3 missions (TRMM, Terra, and Aqua).
- T. With the completion of the reprocessing of ocean products, only atmospheric and land products were reprocessed.
- U. Required and actual data volumes are for L0 products only. Higher-level products will not be available for the next 4 months.
- V. HSB is still in survival mode.
- W. A large number of tapes sent by Japan were defective and unreadable.
- X. According to LATIS, a large number of CRS (Cloud Radiative Swath) and SSF (Single Scanner Footprint TOA/Surface Fluxes and Clouds) files were distributed during this report period.
- Y. Total amount of data distributed through Data Pool. Due to unavailability of user characteristics, further breakdown by user category (e.g., data producers, end users) is not possible at this time.

* Baseline requirements refer to the September 2000 EOSDIS technical baseline (i.e., 3 X Baseline means three times the baseline). The QA requirements for distribution are the Level 2 requirements based on inputs from instrument teams (ITs).